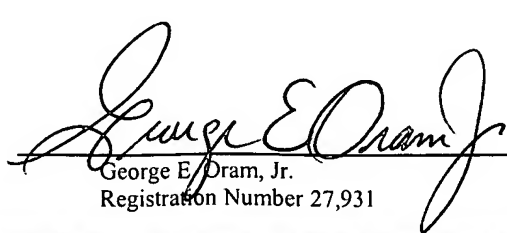


37/PTO 09 MAR 2006

FORM PTO-1390 (REV 5-93)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NUMBER 026390-00035	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				DATE: March 9, 2006.	
				U.S. APPLICATION NUMBER 37 C.F.R. 1.53 NEW PATENT APPLICATION	
INTERNATIONAL APPLICATION NUMBER PCT/JP2004/012968		INTERNATIONAL FILING DATE September 7, 2004		PRIORITY DATE CLAIMED September 9, 2003	
TITLE OF INVENTION: METAL NANO-PARTICLES AND METHOD FOR PREPARING THE SAME, DISPERSION OF METAL NANO-PARTICLES AND METHOD FOR PREPARING THE SAME, AND THIN METALLIC WIRE AND METAL FILM AND METHOD FOR PREPARING THESE SUBSTANCES					
APPLICANT(S) FOR DO/EO/US: Tsutomu ATSUKI (Chiba, Japan), Masaaki ODA (Chiba, Japan), Toshiharu HAYASHI (Ibaraki, Japan), Reiko KIYOSHIMA (Ibaraki, Japan)					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<div>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</div> <div>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</div> <div>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</div> <div>4. <input checked="" type="checkbox"/> The U.S. has been elected (Article 31).</div> <div>5. <input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)]<div>a. <input checked="" type="checkbox"/> is attached hereto (required only if not transmitted by the International Bureau).</div><div>b. <input type="checkbox"/> has been communicated by the International Bureau.</div><div>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</div></div> <div>6. <input checked="" type="checkbox"/> An English language translation of the International Application into English [35 U.S.C. 371(c)(2)].<div>a. <input checked="" type="checkbox"/> is attached hereto.</div><div>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</div></div> <div>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]<div>a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</div><div>b. <input type="checkbox"/> have been communicated by the International Bureau.</div><div>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</div><div>d. <input type="checkbox"/> have not been made and will not be made.</div></div> <div>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].</div> <div>9. <input type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].</div> <div>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].</div>					
Items 11 to 20 below concern other document(s) or information included:					
<div>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98, PTO/SB/08a, and International Search Report and References (2).</div> <div>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</div> <div>13. <input checked="" type="checkbox"/> A preliminary amendment.</div> <div>14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76.</div> <div>15. <input type="checkbox"/> A substitute specification.</div> <div>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</div> <div>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.</div> <div>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</div> <div>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</div> <div>20. <input type="checkbox"/> Applicant herein qualifies for small entity status under 37 C.F.R. 1.9 and 1.27, and acknowledgement of this status by the U.S. Patent and Trademark Office is hereby requested.</div> <div>21. <input checked="" type="checkbox"/> Other items or information: Drawings (Fig. 1; 1 sheet), PCT/RO/101 (copy), PCT/IB/301 (copy), PCT/IB/308 (copy), PCT/IB/311 (copy), WO 2005/023702 A1 (copy of first page)</div>					

U.S. APPLICATION NUMBER (IF KNOWN) SEE 37 C.F.R. 1.50 NEW PATENT APPLICATION <b>25</b>		INTERNATIONAL APPLICATION NUMBER PCT/JP2004/012968		ATTORNEY DOCKET NUMBER 026390-00035	
The following fees are submitted				CALCULATIONS	PTO USE ONLY
22. <input checked="" type="checkbox"/> Basic National Fee .....		\$300.00		\$ 300.00	
23. <input checked="" type="checkbox"/> Examination Fee If International Preliminary Examination Report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....		\$100.00		\$ 200.00	
All other situations .....		\$200.00			
24. <input checked="" type="checkbox"/> Search Fee Search Fee (37 CFR 1.445(a)(2)) has been paid on the International Application to the USPTO as an International Search Authority .....		\$100.00		\$ 400.00	
International Search Report prepared and provided to the Office .....		\$400.00			
All other situations .....		\$500.00			
TOTAL OF CALCULATIONS FOR 21, 22 AND 23				\$ 900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate		
- 100 =	/ 50 =		X \$250.00	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date [37 C.F.R. 1.492(e)].				\$	
Claims	Number Filed	Number Extra	Rate		
Total Claims	20 - 20 =	0	X \$ 50.00	\$ .00	
Independent Claims	1 - 3 =	0	X \$200.00	\$ .00	
Multiple dependent claim(s) (if applicable)			+ \$360.00	\$ .00	
TOTAL OF ABOVE CALCULATIONS =				\$ 900.00	
Reduction by one-half for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28).				\$	
SUBTOTAL =				900.00	
Processing fee of \$130.00 for furnishing the English translation later the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date [37 C.F.R. 1.492(f)].				\$	
TOTAL NATIONAL FEE =				\$ 900.00	
Fee for recording the enclosed assignment [37 C.F.R. 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$ 900.00	
				Amount to be refunded	\$
				Charged	\$
a. <input checked="" type="checkbox"/> Check #442306 in the amount of \$900.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account Number 01-2300 in the amount of \$ .00 to cover the above fee. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account Number 01-2300, referencing Attorney Docket Number 026390-00035.					
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: Customer Number 004372 ARENT FOX PLLC 1050 Connecticut Avenue, NW Suite 400 Washington, DC 20036-5339 Telephone: 202-857-6000 Fax: 202-638-4810					
GEO:vmh				 George E. Oram, Jr. Registration Number 27,931	